

Docket No.: S01364/70034

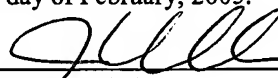
1724  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Roy Martin  
Serial No: 10/083,315  
Confirmation No: 5492  
Filed: February 26, 2002  
For: ENHANCED AIR AND WATER PURIFICATION USING  
CONTINUOUS BREAKPOINT HALOGENATION WITH  
FREE OXYGEN RADICALS  
Examiner: Frank M. Lawrence, Jr.  
Art Unit: 1724

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 17 day of February, 2005.

  
\_\_\_\_\_  
Jeanne W. Chub

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

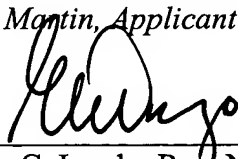
Transmitted herewith are the following documents:

- ☒ Information Disclosure Statement, Form PTO-1449 and Cited References
- ☒ Return Receipt Postcard

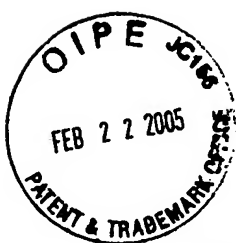
If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 395-7000.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 50/0214. A duplicate of this sheet is enclosed.

Respectfully submitted,  
*Roy Martin, Applicant*

By:   
\_\_\_\_\_  
Peter C. Lando, Reg. No. 34,654  
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Date: February 17, 2005



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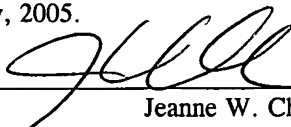
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Jeanne W. Chub

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114.

No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified):

JP 11-057752 appears to be directed to a controlling method and device of TOC component removal. An English language abstract is provided.

JP 11-290878 appears to be directed to a control method for removing TOC component. An English language abstract is provided.

JP 11-033542 appears to be directed to a method and apparatus for purifying water. An English language abstract is provided.

DE 19530086 appears to be directed to the treatment of surface or wastewater. An English language abstract is provided.

DE 19949434 appears to be directed to a fuzzy logic controlled ultra-violet and hydrogen peroxide wastewater treatment process. An English language abstract is provided.

PART IV: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

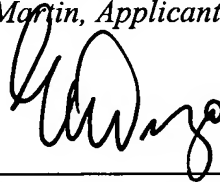
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

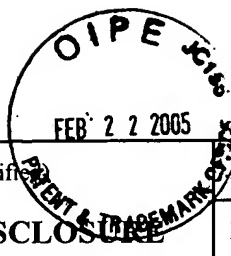
Respectfully submitted,  
*Roy Martin, Applicant*



By: \_\_\_\_\_

Peter C. Lando, Reg. No. 34,654  
Elias Domingo, Reg. No. 52,827  
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Docket No. S01364/70034  
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FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 10/083,315	ATTY. DOCKET NO.: S01364/70034
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		FILING DATE: 02/26/2002	CONFIRMATION NO.: 5492
		APPLICANT: Roy Martin	
		GROUP ART UNIT: 1724	EXAMINER: Frank M. Lawrence, Jr.
Sheet	1	of	1

**U.S. PATENT DOCUMENTS**

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	*	US2001/000714	A1	Sherman	07-12-2001
	*	3,870,631		Fassell et al.	03-11-1975
	*	4,402,836		Fochtman et al.	09-06-1983
	*	4,456,512		Bieler et al.	06-26-1984
	*	4,952,376		Peterson	08-28-1990
	*	4,990,260		Pisani	02-05-1991
	*	5,302,356		Shadman et al.	04-12-1994
	*	5,348,665		Schulte et al.	09-20-1994
	*	5,470,480		Gray et al.	11-28-1995
	*	5,779,912		Gonzalez-Martin et al.	07-14-1998
	*	5,587,069		Downey, Jr.	12-24-1996
	*	6,284,144	B1	Itzhak	09-04-2001
	*	6,503,464		Miki et al.	01-07-2003

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		DE	19530086	A1		08-16-1995	Y Abstract
		DE	19949434	A1		08-10-1999	Y Abstract
		EP	1057784	A1		12-06-2000	
		GB	2281742	A	WR Grace & Co.	03-15-1995	
		GB	2306463	A		05-07-1997	
		JP	11-057752	A		03-02-1999	Y Abstract
		JP	11-290878	A		10-26-1999	Y Abstract
		JP	11-033542	A		02-09-1999	Y Abstract

**OTHER ART — NON PATENT LITERATURE DOCUMENTS**

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
		NOWELL, L. et al., "Photolysis of Aqueous Chlorine at Sunlight and Ultraviolet Wavelengths-II. Hydroxyl Radical Production," <i>Wat. Res.</i> , v. 26, n. 5, pp. 599-605, 1992.		
EXAMINER			DATE CONSIDERED	

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

\*a copy of this reference is not provided as the reference is a published U.S. Patent or U.S. Patent application.